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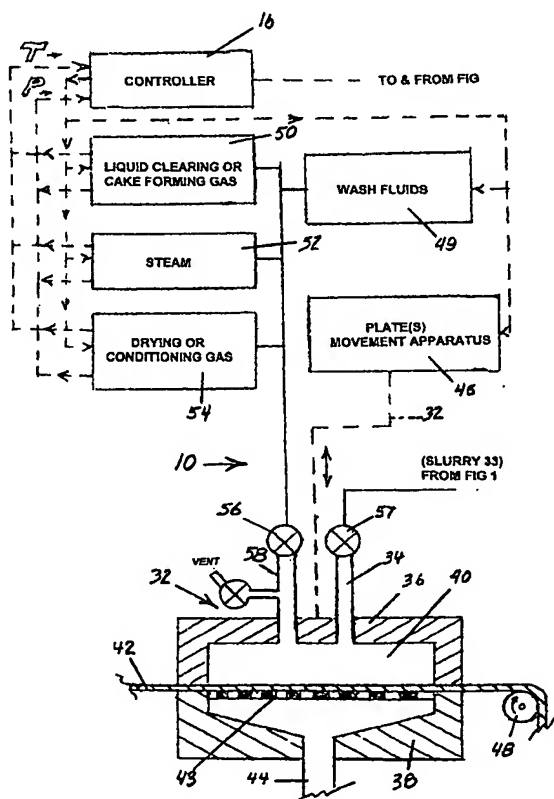
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(54) Title: SLURRY FILTRATION SYSTEM AND APPARATUS



(57) Abstract: A slurry filtration system and apparatus with peripheral elements for conditioning a slurry prior to entry into a pressure filter (32) and the control of fluid and liquid introductions into the filter (32) to produce a desired filter cake or filtrate. The system includes a controller (16) for controlling the operation of the peripheral treatment for the introduction of coagulants, flocculants and polymers to treat or condition a slurry introduced into the filter (32) and the control of additional peripheral equipment for treatment of the slurry with liquid clearing or cake forming gas, steam, or drying or conditioning gas within the filter chamber (40) for the production of both filtrate and filter cake from the filter (32) to a form desired.



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